ABSTRACT

Compounds having the structural formula I

$$Z \xrightarrow{R^3} R^2 \xrightarrow{R^1 + H} N \xrightarrow{N + 2} N \xrightarrow{N - N} R$$

$$Z \xrightarrow{R^4} R^5 \xrightarrow{R^5} H \xrightarrow{H} H \xrightarrow{N} N \xrightarrow{N + 2} N$$

or a pharmaceutically acceptable salt thereof, wherein

5 R is

$$\xi = R^6 \qquad \xi = R^9 R^8$$
 or
$$\xi = R^7$$

R¹, R², R³, R⁴ and R⁵ are H, alkyl or alkoxyalkyl;

R⁶ is H, alkyl, hydroxyalkyl or -CH₂F;

R⁷, R⁸ and R⁹ are H, alkyl, alkoxy, alkylthio, alkoxyalkyl, halo or -CF₃; and

Z is optionally substituted aryl, heteroaryl or heteroaryl-alkyl are disclosed.

Also disclosed is the use of compounds of formula I in the treatment of central nervous system diseases, in particular Parkinson's disease, alone or in combination with other agents for treating Parkinson's disease, and pharmaceutical compositions comprising them.

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